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Arbe Tier-1 Sensrad Announces Collaboration with VirtuRail to Strengthen Tunnel Safety with 4D Imaging Radar

Under the Collaboration, VirtuRail is to Add 4D Imaging Radar to Enhance Safety in Automated Service Vehicles Used in Tunnel Construction

TEL AVIV, Israel, July 31, 2026 /PRNewswire/ -- [Arbe Robotics](#) (NASDAQ: ARBE) (TASE: ARBE), a global leader in ultra-high-resolution radar solutions, announced today that its tier-1, Sensrad, has announced that it is collaborating with VirtuRail to strengthen tunnel safety with 4D Imaging Radar. VirtuRail develops Automated Service Vehicles (ASV) - rail-less, ADAS-supported transport systems designed to automate logistics in underground construction projects. Sensrad said that VirtuRail will add 4D Imaging Radar to its advanced driver assistance system, which currently relies primarily on cameras and LiDAR sensors, adding a layer of robustness in situations where optical sensors alone may be challenged.



According to Sensrad's announcement, Sensrad's 4D imaging radar, which is based on Arbe's chipset, was chosen by VirtuRail for its high performance in low visibility conditions, where vision is often challenged. Tunnels can often be filled with smoke, dust, darkness, and

other complex environmental conditions that can impact camera and LiDAR perception, while radar continues to provide reliable environmental awareness in these conditions.

"We extend our congratulations to Sensrad on this remarkable collaboration, bringing safety underground," said Ram Machness, CEO of Arbe. "The collaboration demonstrates that Arbe's 4D imaging radar chipset delivers reliable performance in complex environments and is a key sensor for autonomous vehicles or machinery that operate in areas with adverse weather or low visibility conditions."

Sensrad said that its Hugin D1 4D imaging radar and Oden Drive perception software were selected to improve system redundancy and provide reliable situational awareness in emergency situations such as tunnel fires, as well as provide a robust layer of perception to VirtuRail's advanced driver assistance system that are designed to operate in demanding underground construction environments.

About Arbe

Arbe (NASDAQ: ARBE), a global leader in ultra-high-channel-count radar technology, is redefining radar as a core sensing platform for next-generation mobility and advanced sensing applications. Arbe's complete radar technology stack includes proprietary automotive-grade RF transmitter and receiver chips, a high-definition radar processing chip, the Phoenix radar system with 2,304 virtual channels, and advanced AI algorithms that transform radar data into a perception-ready layer. By delivering an exceptional level of detail, real-time processing, and scalable system performance, Arbe enables OEMs, Tier-1s, and technology partners to build more capable perception systems for passenger vehicles, robotaxis, heavy machinery, defense, and additional advanced sensing markets.

Headquartered in Tel Aviv, Israel, the company also operates offices in the United States, Germany, and China. For more information, visit <https://arberobotics.com/>.

Cautionary Note Regarding Forward-Looking Statements

This press release contains "forward-looking statements" within the meaning of the Securities Act of 1933 and the Securities Exchange Act of 1934, both as amended by the Private Securities Litigation Reform Act of 1995. The words "expect," "believe," "estimate," "intend," "plan," "anticipate," "may," "should," "strategy," "future," "will," "project," "potential" and similar expressions indicate forward-looking statements. Forward-looking statements are predictions, projections and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. These risks and uncertainties include the possible delisting of the Company's ordinary shares from Nasdaq in the event the bid price per share of the Company's ordinary shares remains below \$1.00, the effect on the Israeli economy generally and on the Company's business resulting from the terrorism and the hostilities in Israel, including the continuing hostilities with Iran, Hezbollah and Hamas and any intensification of hostilities, and the effect of the call-up of a significant portion of its working population, including the Company's employees, the ability of the Company to develop the business described in recently announced agreements; and the risks and uncertainties described in "Cautionary Note Regarding Forward-Looking Statements," "Item 3. Key Information – D. Risk Factors" and "Item 5. Operating and Financial Review and Prospects" and in the Company's Annual Report on Form 20-F for the year ended December 31, 2025, which was filed with the

Securities and Exchange Commission (the "SEC") on March 27, 2026, as well as other documents filed by the Company with the SEC. Accordingly, you are cautioned not to place undue reliance on these forward-looking statements. Forward-looking statements relate only to the date they were made, and the Company does not undertake any obligation to update forward-looking statements to reflect events or circumstances after the date they were made except as required by law or applicable regulation. Information contained on, or that can be accessed through, the Company's website or any other website or any social media is expressly not incorporated by reference into and is not a part of this press release.

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